

Table 5.14b
Unadjusted Patient Survival, Deceased Donor ECD Kidney Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2006 - 2007)			(Tx 2006 - 2007)			(Tx 2002 - 2007)			(Tx 1997 - 2007)		
	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Total												
All	3,291	96.8%	0.3%	3,291	92.3%	0.5%	8,790	71.5%	0.7%	14,123	46.6%	0.7%
Age at Tx												
1-5 Years	0	-	-	0	-	-	0	-	-	1	100.0%	0.0%
6-11 Years	0	-	-	0	-	-	2	+	+	9	88.9%	10.5%
12-17 Years	1	100.0%	0.0%	1	100.0%	0.0%	4	100.0%	0.0%	27	91.8%	5.5%
18-34 Years	62	98.4%	1.6%	62	98.4%	1.6%	275	88.2%	2.1%	684	75.6%	2.2%
35-49 Years	340	98.5%	0.7%	340	96.8%	1.0%	1,269	84.3%	1.3%	2,585	63.3%	1.4%
50-64 Years	1,682	97.5%	0.4%	1,682	93.1%	0.6%	4,329	72.1%	1.0%	6,917	42.2%	1.1%
65+ Years	1,206	95.4%	0.6%	1,206	89.7%	0.9%	2,911	61.1%	1.4%	3,900	24.3%	1.8%
Recipient Ethnicity/Race												
White	1,576	96.8%	0.4%	1,576	91.2%	0.7%	4,223	69.0%	1.0%	7,031	44.2%	1.0%
African American	1,071	96.3%	0.6%	1,071	92.7%	0.8%	2,800	72.7%	1.1%	4,377	46.3%	1.4%
Hispanic/Latino	363	98.1%	0.7%	363	94.2%	1.2%	1,008	75.9%	1.9%	1,567	51.6%	2.2%
Asian	238	97.9%	0.9%	238	95.0%	1.4%	620	75.8%	2.4%	938	59.4%	2.9%
Other/Multi-race	43	95.3%	3.2%	43	93.0%	3.9%	139	74.9%	5.2%	210	42.6%	6.5%
Recipient Gender												
Female	1,207	97.0%	0.5%	1,207	93.3%	0.7%	3,232	73.5%	1.1%	5,331	50.2%	1.1%
Male	2,084	96.7%	0.4%	2,084	91.8%	0.6%	5,558	70.3%	0.8%	8,792	44.3%	0.9%
Recipient Blood Type												
O	1,610	97.2%	0.4%	1,610	93.2%	0.6%	4,190	71.4%	1.0%	6,629	47.2%	1.1%
A	1,158	96.8%	0.5%	1,158	91.9%	0.8%	3,131	72.0%	1.1%	5,205	44.5%	1.2%
B	381	96.3%	1.0%	381	91.6%	1.4%	1,077	71.5%	1.9%	1,690	50.8%	2.1%
AB	142	94.4%	1.9%	142	88.7%	2.7%	392	68.0%	3.4%	599	46.1%	3.7%

Source: OPTN/SRTR Data as of May 4, 2009.

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Total												
All	3,291	96.8%	0.3%	3,291	92.3%	0.5%	8,790	71.5%	0.7%	14,123	46.6%	0.7%
Recipient Residency												
U.S. Resident	3,277	96.8%	0.3%	3,277	92.3%	0.5%	8,754	71.4%	0.7%	14,052	46.4%	0.7%
Nonresident Alien	13	100.0%	0.0%	13	100.0%	0.0%	31	77.8%	11.1%	56	78.2%	8.6%
Unknown	1	100.0%	0.0%	1	100.0%	0.0%	5	60.0%	21.9%	15	56.9%	13.4%
Hospitalized at Tx												
Not Hospitalized	3,237	96.8%	0.3%	3,237	92.4%	0.5%	8,660	71.6%	0.7%	13,893	46.7%	0.7%
Hospitalized	48	97.9%	2.1%	48	93.8%	3.5%	109	64.9%	6.1%	191	34.5%	7.4%
In Intensive Care	6	100.0%	0.0%	6	66.7%	19.2%	21	79.6%	9.2%	37	33.9%	12.5%
Unknown	0	-	-	0	-	-	0	-	-	2	100.0%	0.0%
Primary Diagnosis												
Glomerular Diseases	467	98.5%	0.6%	467	94.6%	1.0%	1,379	80.8%	1.4%	2,501	60.0%	1.6%
Diabetes	1,094	96.1%	0.6%	1,094	90.3%	0.9%	2,857	62.5%	1.3%	4,302	30.4%	1.4%
Hypertensive												
Nephrosclerosis	975	96.4%	0.6%	975	92.8%	0.8%	2,352	73.0%	1.3%	3,435	48.0%	1.6%
Polycystic Kidneys	274	98.5%	0.7%	274	94.9%	1.3%	748	82.1%	1.8%	1,291	59.4%	2.4%
Tubular and Interstitial Diseases	131	97.7%	1.3%	131	94.7%	2.0%	360	69.9%	3.3%	628	50.3%	3.1%
Renovascular & Other Vascular Diseases	108	96.3%	1.8%	108	89.8%	2.9%	382	70.2%	3.0%	711	39.7%	3.0%
Congenital, Rare Familial, & Metabolic Disorders	19	100.0%	0.0%	19	89.5%	7.0%	61	86.6%	4.9%	112	72.1%	7.1%
Neoplasms	10	100.0%	0.0%	10	100.0%	0.0%	37	55.3%	12.5%	54	36.3%	11.0%
Other	211	96.2%	1.3%	211	91.9%	1.9%	609	72.1%	2.5%	1,082	48.3%	2.4%
Unknown	2	100.0%	0.0%	2	100.0%	0.0%	5	+	+	7	85.7%	13.2%

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Total												
All	3,291	96.8%	0.3%	3,291	92.3%	0.5%	8,790	71.5%	0.7%	14,123	46.6%	0.7%
Cold Ischemic Time												
0-11 Hours	644	98.4%	0.5%	644	94.3%	0.9%	1,566	71.5%	1.7%	2,076	46.3%	2.3%
12-21 Hours	1,354	96.4%	0.5%	1,354	91.5%	0.8%	3,573	72.8%	1.0%	5,664	46.5%	1.2%
22-31 Hours	711	97.0%	0.6%	711	91.8%	1.0%	1,966	71.0%	1.4%	3,607	47.0%	1.3%
32-41 Hours	239	96.7%	1.2%	239	93.3%	1.6%	554	66.8%	3.0%	1,017	44.5%	2.4%
42+ Hours	78	96.2%	2.2%	78	93.6%	2.8%	174	71.9%	4.9%	250	41.4%	6.2%
Unknown	265	95.1%	1.3%	265	92.1%	1.7%	957	69.3%	1.9%	1,509	47.8%	2.5%
PRA at Transplant												
0-9%	2,789	96.7%	0.3%	2,789	92.2%	0.5%	7,410	72.0%	0.7%	11,755	46.4%	0.8%
10-79%	339	97.1%	0.9%	339	92.6%	1.4%	754	69.5%	2.5%	1,205	46.5%	2.5%
80%+	37	97.3%	2.7%	37	91.9%	4.5%	97	75.6%	5.5%	184	44.9%	6.0%
Unknown	126	98.4%	1.1%	126	95.2%	1.9%	529	67.0%	2.6%	979	48.3%	2.4%
Yearly Center Volume												
0-12	29	96.6%	3.4%	29	89.7%	5.7%	64	56.5%	8.4%	200	52.7%	4.5%
13-28	110	94.5%	2.2%	110	90.0%	2.9%	410	66.1%	3.7%	857	41.8%	2.9%
29-47	307	97.4%	0.9%	307	89.3%	1.8%	844	72.2%	2.0%	1,719	48.0%	2.2%
48-81	534	97.9%	0.6%	534	93.6%	1.1%	1,744	71.3%	1.5%	3,037	45.1%	1.6%
82+	2,311	96.6%	0.4%	2,311	92.6%	0.5%	5,728	71.9%	0.8%	8,310	47.0%	0.9%
Dialysis Needed Within First Week After Tx												
No	2,291	97.7%	0.3%	2,291	93.9%	0.5%	5,987	75.6%	0.8%	9,483	50.1%	0.9%
Yes	1,000	94.8%	0.7%	1,000	88.7%	1.0%	2,803	63.2%	1.2%	4,612	39.5%	1.2%
Unknown	0	-	-	0	-	-	0	-	-	28	51.2%	10.0%
Donor Age												
50-64 Years	2,490	97.0%	0.3%	2,490	93.1%	0.5%	6,672	73.0%	0.8%	10,562	49.5%	0.9%
65+ Years	801	96.4%	0.7%	801	90.0%	1.1%	2,118	66.8%	1.4%	3,561	38.6%	1.4%

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Total												
All	3,291	96.8%	0.3%	3,291	92.3%	0.5%	8,790	71.5%	0.7%	14,123	46.6%	0.7%
A Locus Mismatch												
0	399	97.5%	0.8%	399	93.5%	1.2%	1,038	76.9%	1.8%	2,024	51.8%	1.7%
1	1,251	96.7%	0.5%	1,251	91.6%	0.8%	3,386	69.9%	1.1%	5,425	46.5%	1.2%
2	1,641	96.8%	0.4%	1,641	92.6%	0.6%	4,364	71.4%	0.9%	6,655	44.6%	1.1%
Unknown	0	-	-	0	-	-	2	+	+	19	45.1%	11.7%
B Locus Mismatch												
0	244	98.0%	0.9%	244	94.7%	1.4%	725	75.1%	2.1%	1,722	51.2%	1.7%
1	723	96.8%	0.7%	723	92.3%	1.0%	2,192	70.3%	1.3%	4,260	46.5%	1.2%
2	2,324	96.7%	0.4%	2,324	92.1%	0.6%	5,871	71.6%	0.8%	8,122	45.0%	1.1%
Unknown	0	-	-	0	-	-	2	+	+	19	45.1%	11.7%
DR Locus Mismatch												
0	370	97.6%	0.8%	370	94.9%	1.1%	1,159	74.4%	1.6%	2,686	49.8%	1.4%
1	1,319	96.5%	0.5%	1,319	91.6%	0.8%	3,560	71.3%	1.1%	5,939	47.1%	1.1%
2	1,602	96.9%	0.4%	1,602	92.4%	0.7%	4,069	70.7%	1.0%	5,481	43.5%	1.5%
Unknown	0	-	-	0	-	-	2	+	+	17	19.3%	9.9%
Total Mismatch												
0	202	98.0%	1.0%	202	95.5%	1.5%	526	79.2%	2.3%	1,060	54.5%	2.3%
1	9	100.0%	0.0%	9	88.9%	10.5%	62	72.0%	6.4%	277	49.5%	3.7%
2	82	98.8%	1.2%	82	93.9%	2.6%	295	73.5%	3.2%	844	47.9%	2.3%
3	285	95.1%	1.3%	285	90.5%	1.7%	965	69.6%	1.9%	2,074	48.2%	1.6%
4	852	97.4%	0.5%	852	92.6%	0.9%	2,236	71.1%	1.3%	3,563	45.4%	1.5%
5	1,175	96.3%	0.6%	1,175	91.3%	0.8%	2,968	70.8%	1.2%	4,005	44.1%	1.7%
6	686	97.2%	0.6%	686	93.4%	0.9%	1,735	72.0%	1.5%	2,276	43.5%	2.3%
Unknown	0	-	-	0	-	-	3	+	+	24	35.4%	10.0%

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Total												
All	3,291	96.8%	0.3%	3,291	92.3%	0.5%	8,790	71.5%	0.7%	14,123	46.6%	0.7%
Transplant Center State												
Alabama	25	92.0%	5.4%	25	88.0%	6.5%	104	68.9%	5.6%	225	41.6%	5.0%
Arkansas	24	95.8%	4.1%	24	91.7%	5.6%	50	62.3%	12.2%	67	38.6%	11.1%
Arizona	46	97.8%	2.2%	46	93.5%	3.6%	107	77.6%	5.6%	151	65.0%	6.2%
California	339	97.9%	0.8%	339	93.5%	1.3%	1,010	71.5%	1.9%	1,662	48.3%	2.0%
Colorado	22	100.0%	0.0%	22	95.5%	4.4%	65	80.0%	5.9%	94	27.4%	10.0%
Connecticut	28	96.4%	3.5%	28	92.9%	4.9%	66	72.1%	6.4%	94	61.6%	6.2%
District of Columbia	46	95.7%	3.0%	46	93.5%	3.6%	88	80.4%	5.2%	141	29.2%	7.2%
Delaware	2	100.0%	0.0%	2	100.0%	0.0%	2	+	+	2	+	+
Florida	182	95.6%	1.5%	182	91.2%	2.1%	478	66.4%	3.4%	774	41.9%	3.1%
Georgia	52	92.3%	3.7%	52	86.5%	4.7%	169	77.6%	3.6%	288	50.7%	5.3%
Hawaii	27	100.0%	0.0%	27	96.3%	3.6%	55	73.4%	8.6%	96	66.3%	6.3%
Iowa	15	100.0%	0.0%	15	93.3%	6.4%	48	76.5%	9.6%	84	43.3%	8.3%
Illinois	132	96.2%	1.7%	132	88.6%	2.8%	399	72.5%	2.7%	617	49.0%	3.5%
Indiana	12	100.0%	0.0%	12	91.7%	8.0%	71	76.4%	7.3%	96	62.6%	8.2%
Kansas	12	100.0%	0.0%	12	100.0%	0.0%	22	54.5%	23.9%	26	69.2%	15.1%
Kentucky	34	100.0%	0.0%	34	100.0%	0.0%	79	72.5%	6.7%	137	50.3%	7.9%
Louisiana	52	98.1%	1.9%	52	96.2%	2.7%	129	85.8%	3.8%	184	54.7%	6.9%
Massachusetts	101	97.0%	1.7%	101	96.0%	1.9%	254	74.5%	3.8%	365	44.7%	4.9%
Maryland	116	98.3%	1.2%	116	96.6%	1.7%	331	63.2%	3.8%	655	38.9%	3.1%
Maine	2	100.0%	0.0%	2	100.0%	0.0%	10	100.0%	0.0%	33	64.3%	9.4%
Michigan	104	95.2%	2.1%	104	89.4%	3.0%	229	64.6%	4.5%	343	44.5%	4.7%
Minnesota	32	100.0%	0.0%	32	100.0%	0.0%	85	84.7%	6.2%	192	48.4%	5.2%
Missouri	54	96.3%	2.6%	54	90.7%	3.9%	104	86.7%	3.7%	182	49.4%	5.5%
Mississippi	2	100.0%	0.0%	2	100.0%	0.0%	3	+	+	13	33.8%	15.2%
North Carolina	111	95.5%	2.0%	111	91.9%	2.6%	281	75.5%	3.7%	423	53.8%	4.3%
North Dakota	7	100.0%	0.0%	7	85.7%	13.2%	36	50.1%	10.3%	58	36.6%	9.3%
Nebraska	24	100.0%	0.0%	24	91.7%	5.6%	48	84.1%	6.2%	74	37.3%	14.1%
New Hampshire	14	100.0%	0.0%	14	92.9%	6.9%	22	81.8%	8.2%	29	58.9%	15.7%
New Jersey	101	94.1%	2.4%	101	86.1%	3.4%	333	68.1%	3.4%	528	49.1%	4.1%
New Mexico	13	100.0%	0.0%	13	92.3%	7.4%	35	90.7%	5.2%	62	58.6%	10.2%
Nevada	4	100.0%	0.0%	4	100.0%	0.0%	14	75.0%	12.9%	32	40.3%	11.4%
New York	393	96.7%	0.9%	393	93.4%	1.3%	899	71.0%	2.3%	1,356	50.1%	2.3%
Ohio	123	97.6%	1.4%	123	91.1%	2.6%	330	66.5%	3.5%	569	42.0%	3.3%
Oklahoma	30	93.3%	4.6%	30	90.0%	5.5%	71	68.1%	7.2%	117	52.0%	7.2%
Oregon	38	92.1%	4.4%	38	89.5%	5.0%	124	72.2%	4.8%	192	60.4%	5.7%

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Transplant Center State												
Pennsylvania	322	97.2%	0.9%	322	91.3%	1.6%	881	69.4%	2.0%	1,391	41.7%	2.4%
Puerto Rico	23	100.0%	0.0%	23	95.7%	4.3%	49	89.2%	5.3%	64	48.1%	17.1%
Rhode Island	4	100.0%	0.0%	4	100.0%	0.0%	34	73.1%	8.3%	61	49.2%	9.7%
South Carolina	27	96.3%	3.6%	27	96.3%	3.6%	63	58.0%	10.0%	103	43.7%	7.1%
South Dakota	12	100.0%	0.0%	12	83.3%	10.8%	63	65.8%	8.2%	75	29.2%	12.2%
Tennessee	69	92.8%	3.1%	69	88.4%	3.9%	172	73.4%	4.6%	286	40.1%	5.8%
Texas	228	96.5%	1.2%	228	93.9%	1.6%	599	78.3%	2.4%	905	50.9%	3.1%
Utah	13	92.3%	7.4%	13	84.6%	10.0%	24	67.9%	13.0%	44	49.5%	10.4%
Virginia	113	99.1%	0.9%	113	92.0%	2.5%	263	71.1%	3.9%	368	42.7%	5.4%
Vermont	8	87.5%	11.7%	8	87.5%	11.7%	21	77.6%	13.2%	28	74.4%	9.7%
Washington	38	100.0%	0.0%	38	97.4%	2.6%	126	75.2%	5.1%	259	54.7%	4.3%
Wisconsin	111	98.2%	1.3%	111	91.0%	2.7%	326	65.5%	3.6%	522	38.9%	4.1%
West Virginia	4	100.0%	0.0%	4	100.0%	0.0%	18	87.7%	8.2%	56	51.6%	8.7%

Source: OPTN/SRTR Data as of May 4, 2009.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

Cohorts are transplants performed during the years listed at the top of the table.

Patient survival follows patients from first transplant of this type until death. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on kidney and kidney-pancreas transplants.

Multi-organ transplants are excluded.

Dialysis needed within first week excludes patients whose graft failed before the end of the week.